

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
New Lyme Metals - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #12
Continuation of Removal Action
New Lyme Metals
B5VC
New Lyme, OH
Latitude: 41.6050900 Longitude: -80.7646600

To:
From: JJ Justice, On-Scene Coordinator
Date: 9/7/2011
Reporting Period: August 22, 2011 to September 6, 2011

1. Introduction

1.1 Background

Site Number:	B5VC	Contract Number:	EP-S5-09-05
D.O. Number:	0027	Action Memo Date:	5/20/2010
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	12/9/2009	Start Date:	7/12/2010
Demob Date:		Completion Date:	
CERCLIS ID:	OHN000510416	RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

CERCLA Incident Category: Inactive Recycling Facility

1.1.2 Site Description

1.1.2.1 Location

See Initial Polrep.

1.1.2.2 Description of Threat

The presence of heavy metals, PCBs, asbestos and numerous drums and compressed gas cylinders presents potential threats to human health and the environment by exposures to impacted air, soil and water at and around the Site.

See Initial Polrep for additional information.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

Primary contaminants of concern identified during the Site Assessment included: heavy metals (antimony, arsenic, cadmium, lead, mercury), asbestos (chrysotile) and PCBs (Aroclor 1242 and 1254).

See Initial Polrep for additional information.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

The Time-Critical Removal Action at the New Lyme Metals Site is addressing the presence of heavy metals and PCBs in the soils by excavating and disposing of the impacted material off site. All asbestos containing materials, drums and compressed gas cylinders will also be removed and disposed of at an off site facility. Air monitoring and sampling is being conducted for the protection of the workers and the public. In addition, well samples have been collected to determine if any of the contaminants on Site have impacted the ground water.

2.1.2 Response Actions to Date

During the period of August 22 to September 6, 2011, U.S.EPA along with START and ERRS contractors continued removal activities at the Site, these activities included:

- Excavated non-hazardous soils from 10 grids (A'-6, A'-7, A'-8, A-6, A-7, A-8, B-5, C-6, D-5, E-6)

- Excavated and treated TCLP grids B'-4 and C-7 with Free Flow 100
- Transported 35 loads of TSCA PCB contaminated material to CWM Chemical Services for disposal
- Transported 28 loads of non-hazardous soils to American Landfill for disposal
- Transported 6 roll-off boxes of scrap/used tires to Liberty Tire Recycling
- Dewatered excavation areas and pumped storm run-off to an on Site frac-tank for treatment
- Discharged 37,000 gallons of treated contact storm run-off
- Completed decontamination of tires for recycling
- Continued dust suppression efforts in load out and excavation areas
- Continued site survey with Ludlum Model 192 gamma radiation detector
- Continued air monitoring for dust and sampling for PCBs and asbestos at site perimeter
- Collected 93 confirmatory samples from excavated areas

Air sampling results continue to show detectable concentrations of PCBs at the Site perimeter that are well below the OSHA PEL and considered in an acceptable range by ATSDR.

Heavy rains impacted excavation activities contained contact storm run-off was pumped into on-site frac tanks for treatment. Following treatment of contact storm run-off, the treated water is sampled and results compared to State of Ohio MCL regulatory criteria for public water, ground water, and surface water systems to ensure compliance prior to discharge.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

U.S. EPA continues its efforts in identifying viable potentially responsible parties as well as identifying and locating additional locations where the operations took place. Currently, U.S. EPA has identified two possible locations where activities, similar to those at New Lyme Metals, may have taken place.

2.1.4 Progress Metrics

This Reporting Period:

Waste Stream	Quantity (tons)	Date	Manifest #	Destination
Scrap/Used Tires	22.41	8/22/2011	001-003	Liberty Tire Recycling, 14864 Lincoln St. SE, Minerva, OH 44657
Polychlorinated Biphenyls, Solid Mixture, UN3432	212.05	8/23/2011	1594145-1594152	CWM Chemical Services, 1550 Balmer Rd, Model City, NY 14107
Polychlorinated Biphenyls, Solid Mixture, UN3432	41.07	8/24/2011	1594153-1594154	CWM Chemical Services, 1550 Balmer Rd, Model City, NY 14107
Polychlorinated Biphenyls, Solid Mixture, UN3432	138.56	8/25/2011	1594155-1594157 & 1594171-1594174	CWM Chemical Services, 1550 Balmer Rd, Model City, NY 14107
Polychlorinated Biphenyls, Solid Mixture, UN3432	333.78	8/29/2011	1593567-1593580	CWM Chemical Services, 1550 Balmer Rd, Model City, NY 14107
Polychlorinated Biphenyls, Solid Mixture, UN3432	103.78	8/30/2011	1593562-1593565	CWM Chemical Services, 1550 Balmer Rd, Model City, NY 14107
Non-Hazardous Soil	385.22	8/30/2011	646190-646206	American Landfill, 7916 Chapel St., Waynesburg, OH 44688
Non-Hazardous Soil	238.6	8/31/2011	646207-646217	American Landfill, 7916 Chapel St., Waynesburg, OH 44689
Scrap/Used Tires	17.02	9/1/2011	004-006	Liberty Tire Recycling, 14864 Lincoln St. SE, Minerva, OH 44658

To Date:

526.72 tons of Non-Hazardous Debris has been disposed of at American Landfill in Waynesburg, Ohio

2,411.78 tons of Non-Hazardous Soils has been disposed of at American Landfill in Waynesburg, Ohio

32.62 tons of Non-Friable Asbestos containing material has been disposed of at American Landfill, in Waynesburg, Ohio

1800.03 tons of RQ, Polychlorinated Biphenyls, Solid Mixture, UN3432 material has been disposed of at CWM Chemical Services in Model City, New York

58,000 gallons of contact storm water run-off has been treated for PCBs and heavy metals and discharged

39.43 tons of scrap/used tires recycled at Liberty Tire Recycling in Minerva, Ohio

2.2 Planning Section

2.2.1 Anticipated Activities

2.2.1.1 Planned Response Activities

Removal action will include the following:

- Removal of non-hazardous debris (recycled when possible) in order to access contaminated area
- Excavation of soils exhibiting concentrations of heavy metals, asbestos and PCBs above OEPA's residential direct contact criterion
- Backfilling, grading and restoration of excavated areas

2.2.1.2 Next Steps

- Continue removal activities
- Continue perimeter air sampling for asbestos
- Review results of air samples
- Complete assessment of creek and property immediately to the west of the Site
- Conduct confirmation sampling
- Install water filtration systems on private wells
- Work with ATSDR to develop a site specific action level for PCBs

2.2.2 Issues

None at this time.

2.3 Logistics Section

Not applicable.

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

2.5.1 Safety Officer

The ERRS contractor prepared a health and safety plan (HASP) that was reviewed by Superfund Technical Assessment and Response Team (START) and for the Removal Action. Prior to conducting sampling activities, the HASP was reviewed and signed by on-site personnel.

Daily Health and Safety meetings are held prior to the start of each days activities. Primary topics include traffic safety, proper PPE, identification of work zones and biological hazards.

2.6 Liaison Officer

Nothing to report.

2.7 Information Officer

Nothing to report.

3. Participating Entities

3.1 Unified Command

Not applicable.

3.2 Cooperating Agencies

New Lyme Township
OEPA
ATSDR

4. Personnel On Site

During this time period the following personnel were on Site:

1 EPA OSC
1 START contractor
8 ERRS contractors

5. Definition of Terms

ATSDR	Agency for Toxic Substances and Disease Registry
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
ERRS	Emergency and Rapid Response Services
HASP	Health and Safety Plan
mg/L	milligrams per liter
OEPA	Ohio Environmental Protection Agency
OSC	On-Scene Coordinator
OSHA	Occupational Safety and Health Administration
PELs	Permissible Exposure Limits
POLREP	Pollution Report
ppm	parts per million
PRP	Potentially Responsible Party
PCB	Polychlorinated Biphenyls
RCRA	Resource Conservation and Recovery Act
START	Superfund Technical Assessment and Response Team
TCLP	Toxicity Characteristic Leachate Procedures
TSCA	Toxic Substances Control Act
ug/L	micrograms per liter
uR/hr	microrentgens per hour

6. Additional sources of information

6.1 Internet location of additional information/report

Additional information can be found at www.epaossc.org/newlymemetals.

6.2 Reporting Schedule

POLREPs will be issued weekly.

7. Situational Reference Materials

Not applicable.